



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,631	08/05/2003	Hiroyuki Kusaka	026304-0208	8454
23392	7590	08/25/2005	EXAMINER	
FOLEY & LARDNER 2029 CENTURY PARK EAST SUITE 3500 LOS ANGELES, CA 90067			NGUYEN, PHUONGCHI T	
			ART UNIT	PAPER NUMBER
			2833	

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/635,631	Applicant(s) KUSAKA, HIROYUKI	
	Examiner Phuongchi Nguyen	Art Unit 2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 11-15 is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-10 and 16-21 is/are rejected.
- 7) ☒ Claim(s) 7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |                                                                                                                                               |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                                   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                                          | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>07/28/05</u> . | 6) <input type="checkbox"/> Other: ____.                                                |

Art Unit: 2833

### DETAILED ACTION

1. Applicant's amendment of April 12, 2005 is acknowledged. It is noted that claims 1 and 16 are amended. Claim 4 is canceled. New claim 21 is added.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-4, 6, 8-10, 16 and 18-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Louis et al (US6674425B1)

In regarding to claims 1 and 16, Louis et al disclose (Attachment 1 of figure 11) an electronic apparatus comprising a housing (of 150, of 160 and 12) which contains an electric component (col. 6, lines 3-5; Fig. 2 teaches a schematic of the computer system which would inherently include the plurality of the electrical components to operate the computer system including the pointing device) therein (because figure 11 is an embodiment of figures 1-2; and the flat input surface 16 of figures 1-2 is equivalent to the flat input surface 154 of figure 11), and has an outside wall which has an exterior surface (A) exposed outward of the housing (of 150, of 160, 12) and an interior surface (B) exposed inward of the housing (of 150, of 160, 12), the housing (of 150, of 160, 12) having an operation area (172) in the exterior surface (A); and a pointing device (of 154) having a flat input surface (154) laid on the interior surface (B) of the outside wall adjacent the operation area (172), the flat input surface (154) receiving input operations through the operation area (172).

Art Unit: 2833

In regarding to claim 2, Louis et al disclose (Attachment 1) the electronic apparatus wherein the operation area (172) has a recess (180) formed on the exterior surface (A).

In regarding to claim 3, Louis et al disclose (Attachment 1) the electronic apparatus wherein the operation area (172) has a projection (156 or 170) formed on the exterior surface (A).

In regarding to claim 4, Louis et al disclose (Attachment 1) the electronic apparatus further comprising a sticker (162) that is stuck to the operation area (172).

In regarding to claim 6, Louis et al disclose (Attachment 1) the electronic apparatus wherein the operation area (172, 174, 176) is made with a surface roughness different from a surrounding area.

In regarding to claim 8, Louis et al disclose (Attachment 2) the electronic apparatus wherein the operation area (172) has a plurality of recesses (166, 180) provided therein.

In regarding to claim 9, Louis et al disclose (Attachment 1) the electronic apparatus wherein the operation area (172) has a plurality of projections (156, 170) provided therein.

In regarding to claim 10, Louis et al disclose (Attachment 1) the electronic apparatus wherein the operation area (172) has a first operation area (176) for first operation, and a second operation area (174 or 172) provided separately from the first operation area (176) for second operation (figure 12 and column 10, lines 64-67 and column 11, lines 1-6).

In regarding to claims 18 and 20, Louis et al disclose (Attachment 1) the electronic apparatus further comprising a recess (180) formed on the exterior surface (A) of the outside wall, wherein the sticker (162) covers the recess (180, 166), and the flat input surface (154) of the pointing device (of 154) is laid on the interior surface (B) opposing the recess (180, 166).

Art Unit: 2833

In regarding to claim 19, Louis et al discloses the electronic apparatus (attachment 1) further comprising a sticker (162) printed with a pattern, the sticker (162) being secured to the exterior surface (A) of the outside wall opposite to the interior surface (B) on which the flat input surface (154) of the pointing device (of 154) is laid.

In regarding to claim 21, Louis et al further discloses a sticker (162) that is stuck to the operation area (172) (figure 11).

*Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 5 and 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Louis et al (US6674425B1).

In regarding to claims 5 and 17, Louis et al discloses the invention, but lacks a painted layer on the operation area and/or a color for the sticker. It would have been obvious to one having ordinary skill at the time the invention was made to provide a painted layer on the operation area and/or a color on the sticker of Louis et al for the matter of design choice, because Applicant did not explain why the color for the sticker being able to solve any particular problem in the invention.

*Allowable Subject Matter*

6. Claims 11-15 are allowed.

7. Claim 7 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

*Responses to Arguments*

8. Applicant argues that “the bezel 160 does not contain any electronic component therein, and Louis does not show any flat input surface laid on the interior surface exposed inward of the housing” is not deemed persuasive. Because the computer housing is defined by the sub housing 12, the input housing 150 and the bezel housing 160; therefore, Fig. 2 teaches a schematic of the computer system, which would inherently include the plurality of the electrical components to operate the computer system including the pointing device.

*Conclusion*

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

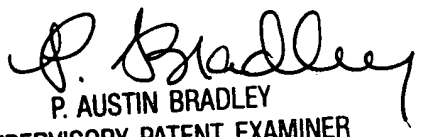
Art Unit: 2833

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

August 18, 2005.

  
P. AUSTIN BRADLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800